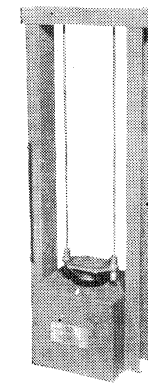
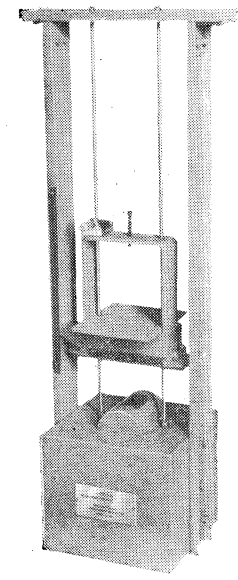
JAN HARDWARE MANUFACTURING CO., INC.
BROOKLYN 11, N. Y.

"JOLTA" SHOCK TESTING MACHINES

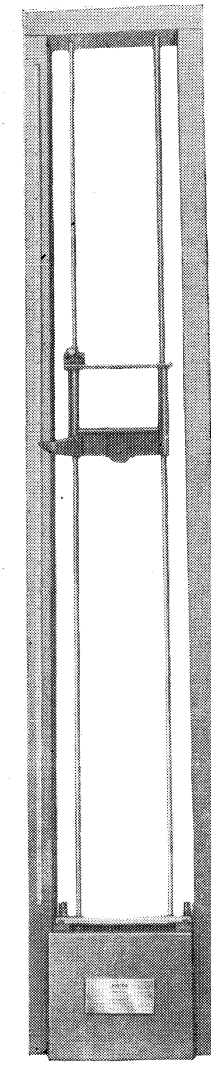
JAN'S "Jolta" shock testers for small components provide for rapid and precise testing of anticipated shock stresses. Designed for laboratory and production testing of instruments such as relays, electric meters, clocks, transistors and other electrical and electronic devices, they are accurately calibrated for direct readings in accord with specifications now required in most military and Commercial contracts. The testers are ruggedly built and accommodate all shapes of test specimens. Specimens may be tested while in actual operation and under electrical load. Each machine is individually calibrated and computation charts are supplied thus insuring accurate interpretation of test results. JOLTA SHOCK TESTERS feature the exclusive JAN INERTIA BRAKE which automatically captures the carriage at the summit of its first rebound eliminating secondary (irrelevant) shocks and dangerous manual grasping.



M500



1001



F3003

JOLTA #1001

- Test range 30 to 120g.
- Bench model, only 10" x 8" x 32" high.
- Accepts specimens up to 4" x 5" x 7½".
- Manufactured and finished strictly in accord with: JAN-S-44, MIL-STD-202, METHOD-202.
- Shipping weight 290 lbs.

Replacement Plate Springs for medium and high impact shock tests available as optional equipment.

NEW! JOLTA "M" #500

- Shocks to 500g.!
- Bench model per JAN-254.
- High impact testing to meet MIL-T-12679-A (Sig. C).

JOLTA "M"-500 is designed for testing extremely lightweight components such as diodes, transistors, etc. The carriage is machined from magnesium castings and the anvil is made from a specially formulated synthetic rubber. JOLTA "M"-500 will consistently reproduce shocks up to 500 g. at an amplitude of 1 millisecond in accordance with the requirements of MIL-T-12679A and JAN 254.

NEW! JOLTA "F" #3003

High Impact Shock Tester

- 250 to over 2000g at 1 to 2 milliseconds.
- Heavy duty floor model machine; 10" x 8" x 60" high.
- Takes specimens up to 2 lbs.
- Fixed plate spring to eliminate extraneous harmonic oscillations.
- Standard model supplied with 60,000 "k" spring for shocks in the range of 1.4 to 1.6 milliseconds.
- New design permits fast replacement of plate springs of different stiffness for alternate g. ranges.
- Supplied with JAN INERTIA BRAKE and calibration chart.

JAN THICKNESS GAUGES

JAN's thickness gauges are a necessity for adjusting condenser plates and microwave plumbing. They also suit the needs of the engineer and the machinist for general use — such as measuring shim stock requirements, determining flatness of machined parts, amount of backlash, and adjusting drill jig or milling fixtures. These gauges are manufactured from fine grade hardened and tempered steel, with tolerances of plus or minus .00025" to .0005", and are guaranteed to be accurate. All numerals are permanently etched and legible.

Cat. No.	*Blade Shape*	*Blade Length*	*No. of Blades*	*Blade Thicknesses*
G11	Round	3"	9	.002, .003, .004, .006, .008, .012, .013, .020, .025
G12	Round	3-1/2"	15	.002, .003, .004, .005, .006, .008, .011, .012, .013, .014, .016, .018, .020, .022, .025
G13	Round	3-1/2"	25	.0015 to .025
G16	Tapered	3-1/2"	9	.002, .003, .004, .006, .008, .012, .013, .020, .025
G17	Tapered	3-1/2"	15	.002, .003, .004, .006, .008, .012, .015, .018, .020, .022, .025, .028, .030, .030, .032, .035
G18	Tapered	3-1/2"	25	.0015 to .025